

EAST-1238.vsp:1

File View Edit Tools Window Help

☐ L1: (0) (10/671238).CCLS.
☐ L2: (1) 10/671238
☒ L3: (23) (solar with absorber) with ('cis' 'cigs' cuinse\$8)
☐ L4: (1) "6117703".PN.
☐ L5: (1) "5477088".PN.
☐ L6: (1) "5141564".PN.
☐ L7: (1) "5141564".PN

Qds: US-PG-PUB US-PAT-EPG-JPO
 Default processor: OR
 (solar with absorber) with ('cis' 'cigs' cuinse\$8)

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	Z	S	
1	<input type="checkbox"/>	US 20040131792	20040708	13	Electroless deposition of cu-in-ga-se film	427/437	427/250		Bhattacharya, Raghu N.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	US 20040063320	20040401	31	Manufacturing apparatus and method for large-scale	438/689			Hollars, Dennis R.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	US 20030230338	20031218	14	Thin film solar cell configuration and fabrication	136/265	136/252; 136/264;		Menezes, Shalini	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	US 20030140961	20030731	7	Electric energy production and sun protection device for	136/244	136/291		Damson, Daniel et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	US 20020179143	20021205	4	Method for producing solar cells and thin-film solar cell	136/265	257/E31.007; 257/E31.126;		Haussler, Wulf et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	US 20020160539	20021031	12	Method of producing Cu (In, Ga) (Se, S) 2 semiconductor	438/1	257/E31.007; 257/E31.027		Yamada, Akimasa et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	US 6825409 B2	20041130	4	Method for producing solar cells and thin-film solar cell	136/265	136/256; 136/264;		Haussler, Wulf et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	US 6576866 B1	20030610	6	Method for structuring transparent electrode layers	219/121.69			Karg, Franz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	US 6566162 B2	20030520	11	Method of producing Cu (In, Ga) (Se, S) 2 semiconductor	438/95	257/E31.007; 257/E31.027;		Yamada, Akimasa et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	US 6429369 B1	20020806	6	Thin-film solar cells on the basis of IB-III-A-VIA	136/265	136/252; 136/256;		Tober, Olaf et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	US 5858121 A	19990112	13	Thin film solar cell and method for manufacturing the	136/265	136/264; 257/E31.007;		Wada, Takahiro et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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EAST - [1238.wsp:1]

File View Edit Tools Window Help

[6] [1238.wsp:1]

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Buttons: Browse, Clear, QDS, USFQPS USPAT EPO JPO, Default precision: OR, Display all hit items daily

(solar with absorber) with ('cis' 'cigs' cuinse\$8)

Buttons: BRS form, ISTR form, Image, Text, HTML

U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
12	<input type="checkbox"/>	US 5731031 A	19980324	7	Production of films and powders for semiconductor	427/76	136/260; 136/264;		Bhattacharya, Raghu Nath et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	US 5728231 A	19980317	29	Precursor for semiconductor thin films and method for	148/33	136/262; 136/264;		Negami, Takayuki et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	US 5676766 A	19971014	5	Solar cell having a chalcopyrite absorber layer	136/265	257/E31.007; 257/E31.027		Probst, Volker et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	US 5674555 A	19971007	7	Process for preparing group Ib-IIIa-VIa semiconducting	427/76	136/264; 136/265;		Birkmire, Robert W. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input type="checkbox"/>	US 5626688 A	19970506	8	Solar cell with chalcopyrite absorber layer	136/265	136/264; 257/184;		Probst, Volker et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	<input type="checkbox"/>	US 5316593 A	19940531	6	Heterojunction solar cell with passivated emitter surface	136/262	257/184; 257/461		Olson, Jerry M. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	US 5275714 A	19940104	4	Method of producing an absorber layer for solar cells	205/109	136/264; 136/265;		Bonnet, Dieter et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	US 5137835 A	19920811	6	Method for manufacturing a chalcopyrite solar cell	438/94	136/265; 257/E31.007;		Karg, Franz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	US 5125984 A	19920630	6	Induced junction chalcopyrite solar cell	136/255	136/258; 136/265;		Kruehler, Wolfgang et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	<input type="checkbox"/>	US 5028274 A	19910702	14	Group I-III-VI.sub.2 semiconductor films for solar	136/264	136/260; 136/262;		Basol, Bulent M. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	<input type="checkbox"/>	US 4950615 A	19900821	9	Method and making group IIB metal - telluride films and	438/95	136/260; 136/264;		Basol, Bulent M. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Buttons: Files, Details, HTML

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